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26 JUL 2006



**HAMRE, SCHUMANN,  
MUELLER & LARSON, P.C.**  
AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM

FAX TRANSMISSION July 24, 2006

TO: Mail Stop: PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 10873.1710USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter: 7

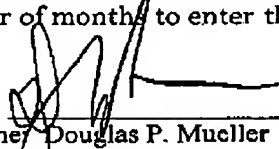
PTO FAX NUMBER: 571-273-3201

If all pages are NOT received, please call us at 612.455.3800 or fax us at 612.455.3801.

Title of Document: **Communication Regarding Missing Requirements, signed Combined Declaration and Power of Attorney, Notification of Missing Requirements**


Applicant: MURAKAMI, et al.  
Serial No.: 10/551,500  
App. Filed: September 30, 2005  
Group Art No.: Unknown  
Confirmation No.: 4716

Please charge Deposit Account No. 50-3478 in the amount of \$130 for the Missing Requirements completion fee. Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Peggy J. Kerkhove

  
Signature

July 24, 2006  
Date

225 SOUTH SIXTH STREET · SUITE 2650 · MINNEAPOLIS · MN 55402  
TEL 612.455.3800 · FAX 612.455.3801  
WWW.HSML.COM · MAIL@HSML.COM

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07/24/2006 14:15 612-455-3801

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PAGE 04/07

S/N 10/551,500

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MURAKAMI, et al.	Examiner:	Unknown
Serial No.:	<u>10/551,500</u>	Group Art Unit:	Unknown
Filed:	September 30, 2005	Docket No.:	10873.1710USWO
Title:	MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY CELL MANUFACTURING METHOD, AND MEMORY RECORDING/READING METHOD		

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on July 24, 2006.

By: Peggy N. Kerkhove

Name: Peggy N. Kerkhove

COMMUNICATION REGARDING MISSING REQUIREMENTS

Mail Stop PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In connection with the above-identified application, enclosed please find the originally signed Combined Declaration and Power of Attorney. Please charge Deposit Account No. 50-3478 for the amount of \$130 to cover the Missing Requirements completion fee.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: July 24, 2006

By: Douglas P. Mueller  
Reg. No. 30,300

DPM/pjk

03/03/2006 PRIDWELL 00000001 503478 10551530  
01 FC:1617 130.00 DA

**53148**

PATENT TRADEMARK OFFICE



## UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/551,500	Motoyoshi Murakami	10873.1710USWO
INTERNATIONAL APPLICATION NO.		
PCT/JP04/04650		
I.A. FILING DATE	PRIORITY DATE	
03/31/2004	03/31/2003	

53148  
HAMRE, SCHUMANN, MUELLER & LARSON P.C.  
P.O. BOX 2902-0902  
MINNEAPOLIS, MN 55402  
MReo 2mo: 7/25/06  
MReo 3/PTA: 8/25/06  
MReo Star: 11/25/06

CONFIRMATION NO. 4716  
371 FORMALITIES LETTER  
\*OC000006918948567\*

Date Mailed: 05/25/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/30/2005
- Copy of the International Search Report filed on 09/30/2005
- Information Disclosure Statements filed on 09/30/2005
- Oath or Declaration filed on 09/30/2005
- Request for Immediate Examination filed on 09/30/2005
- U.S. Basic National Fees filed on 09/30/2005
- Priority Documents filed on 09/30/2005
- Non-English Language Application filed on 09/30/2005
- Specification filed on 09/30/2005
- Claims filed on 09/30/2005
- Abstracts filed on 09/30/2005
- Drawings filed on 09/30/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the

missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/551,500	PCT/JP04/04650	10873.1710USWO

FORM PCT/DO/EO/905 (371 Formalities Notice)